

In the claims

The following amendments are made with respect to the claims in the International application PCT/KR2004/002031.

This listing of claims will replace all prior versions and listings of claims in this application.

Claims

1 (currently amended). A process for preparing an elastic fiber, comprising the steps of:

adding ~~[[1~20%]]~~ from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;
ripening the spinning solution; and
spinning the ripened solution.

2 (currently amended). The process according to claim 1, wherein the cellulose acetate is cellulose diacetate or cellulose triacetate having a degree of acetylation of ~~[[28% ~ 72%]]~~ from 28 to 72%.

3 (currently amended). The process according to claim 1~~[[or 2]]~~, wherein the polyurethane or polyurethaneurea solution is obtained by reacting an organic diisocyanate with a polymeric diol to form a polyurethane precursor, dissolving the polyurethane precursor in an organic solvent, and reacting the precursor solution with a diamine and a monoamine sequentially.

4 (original). The process according to claim 3, wherein the organic diisocyanate is selected from the group consisting of diphenylmethane-4,4' -diisocyanate, hexamethylenediisocyanate, toluenediisocyanate, butylenediisocyanate, and hydrogenated p,p-methylenediisocyanate; the polymeric diol is selected from the group consisting of polytetramethyleneether glycol, polypropyleneglycol, and polycarbonatediol; the diamine is selected from the group consisting of ethylenediamine, propylenediamine, and hydrazine; and the monoamine is selected from the group consisting of diethylamine, monoethanolamine, and dimethylamine; and the organic solvent is selected from the group consisting of N,N' - dimethylformamide, N,N' - dimethylacetamide, and dimethylsulfoxide.

5 (currently amended). The process according to claim 1[[or 2]], wherein the spinning solution further contains at least one additive selected from dulling agents, UV stabilizers, antioxidants, NO_x gas anti-yellowing agents, anti-adhesion agents, dyeing promoters, and anti-chlorine agents.

6 (currently amended). The process according to claim 1[[or 2]], wherein after the addition of the cellulose acetate, the homogeneous stirring is carried out for at least 2 hours, and the spinning solution is ripened by allowing it to stand at 30°C [[~]] to 70°C for 28 [[~]] to 38 hours.

7 (currently amended). An elastic fiber prepared by ~~the process according to claim 1 or 2~~ a process comprising the steps of:

adding from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;
ripening the spinning solution; and
spinning the ripened solution.

8 (currently amended). A velvet fabric manufactured using ~~the elastic fiber according to claim 7~~ an elastic fiber prepared by a process comprising the steps of:

adding from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;
ripening the spinning solution; and
spinning the ripened solution.